Docket No. <u>5634-004</u>

COMMISSIONER OF PATENTS AND TRADEMARKS Date: September 25, 1990 Washington, D.C. 20231

Transmitted herewith for filing is the patent application of

John C. Harvey James W. Cuddihy

For:

SIGNAL PROCESSING APPARATUS AND METHODS

Enclosed are:

557	Pages	of	specificat	ion
15	Pages	of	claims	
1	Pages	of	Abstract	
21	Sheets	5 01	f drawings	(informal)

Enclosed is a Declaration and Power of Attorney executed by the inventors, John C. Harvey and James W. Cuddihy, on September 20, 1990.

Also enclosed is an Assignment by the inventors to The Personalized Mass Media Corporation. $\label{eq:personal} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{ll} \end{sub$

PATENT APPLICATION FEE CALCULATION (37 CFR 1.16)

		CL	AIMS AS FI	ÆD		
Number filed		Nur	mber Extra		Rate	Basic Fee \$370.00
Total Claims	25	-20=	5	x s	12.00	60.00
Independent Claims	24	-3=	21	x	\$ 36.00	864.00
Multiple der (37 CFR 1.16	endent	claim(s)	if any		\$ 120.00	120.00
Tiller Rec Calculation						\$1414.00

Filing Fee Calculation

A. A verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is attached.

Filing Fee Calculation (50% of above)

\$ 707.00

\$ 707.00

B. Charge Account No. 08-3038 in the

A duplicate of this transmittal is attached.

C. The Commissioner is hereby authorized to charge any additional fees incurred during the entire pendency of this application to Account No. <u>08-3038</u>.

Benefit under 35 U.S.C. § 120 is claimed for application Serial Nos: 317,510, filed November 3, 1981; 829,531, filed February 14, 1986; and 096,096, filed September 11, 1987.

Thomas J. Scott,

Req. No. 27,836 HOWREY & SIMON

1730 Pennsylvania Ave., N.W. Washington, D.C. 20006-4793 Tel. No. (202) 383-6614